

Claims:

1. A yarn feed system (1),
having a main body (2), which has a yarn feeder (5) and at least one electrical device (14a, 53);
having a fastening clamp (3), which is provided for fastening the yarn feed system (1) to a textile machine;
having at least one contact pin (22, 23, 24, 25), disposed at the fastening clamp (3), which is arranged for making contact with a conductor (32, 33, 34, 35); and
having a guide element (37), which is disposed adjacent the contact pin (22, 23, 24, 25), and the guide element (37) and the contact pin (22, 23, 24, 25) are supported movably relative to one another.
2. The yarn feed system of claim 1, characterized in that the electrical device is a switch (14a) and/or a sensor and/or a motor (53).
3. The yarn feed system of claim 1, characterized in that the guide element (37) is supported movably relative to the main body (2).
4. The yarn feed system of claim 1, characterized in that the contact pin (22, 23, 24, 25) is supported axially movably relative to the main body (2).
5. The yarn feed system of claim 1, characterized in that the fastening clamp (3) has a jaw (19) that is open at the bottom.
6. The yarn feed system of claim 1, characterized in that the fastening clamp (3) has a clamping screw (21), whose axis extends transversely to the opening direction of the fastening clamp (3).

Original Specification

7. The yarn feed system of claim 1, characterized in that the contact pin (22, 23, 24, 25) extends transversely to the opening direction of the jaw (19).

8. The yarn feed system of claim 1, characterized in that the contact pin (22, 23, 24, 25) is supported in stationary fashion.

9. The yarn feed system of claim 1, characterized in that the contact pin (22, 23, 24, 25) extends into an interior enclosed by the jaw (19).

10. The yarn feed system of claim 1, characterized in that a plurality of contact pins (22, 23, 24, 25) are provided, which are disposed parallel to and spaced apart from one another, in order to provide electrical contact with various conductors (32, 33, 34, 35).

11. The yarn feed system of claim 1, characterized in that the contact pin (22, 23, 24, 25) is an insulation- piercing contact.

12. The yarn feed system of claim 1, characterized in that the conductors (32, 33, 34, 35) are combined in a cable (17).

13. The yarn feed system of claim 1, characterized in that the cable (17) has a rectangular cross section.

14. A cable (54), in particular for connecting yarn feed systems, having an insulating sheath (31), which encloses a plurality of conductors (55, 56, 57, 58, 59, 60) and has a rectangular outline in cross section; and having indentations (71, 72, 73, 74, 75, 76, 77, 78), provided in the sheath (31), which are disposed next to the conductors (55, 56, 57, 58, 59, 60) and are

assigned to them, in order to guide insulation-piercing contacts in the insulation-piercing operation.

15. The cable of claim 14, characterized in that the indentations (71, 72, 73, 74, 75, 76, 77, 78) are grooves disposed parallel to one another.

16. The cable of claim 15, characterized in that the grooves (71, 72, 73, 74, 75, 76, 77, 78) are disposed on a flat side (68, 69) of the sheath (31).

17. The cable of claim 15, characterized in that the grooves (71, 72, 73, 74, 75, 76, 77, 78) are disposed on opposed flat sides (68, 69) of the cable (54), and two grooves (71, 75) and one conductor (57) are each disposed in the same plane (79).

18. The yarn feed system of claim 1, characterized in that the guide element (37) is retained movably parallel to the contact pin (22, 23, 24, 25).

19. The yarn feed system of claim 1, characterized in that the guide element (37) is prestressed resiliently toward a receiving position.

20. The yarn feed system of claim 19, characterized in that the guide element (37) has a jaw (41) adapted to the cable contour.

21. The yarn feed system of claim 1, characterized in that the guide element (37), when it is in the receiving position, disconnects the conductor from the contact pin (22, 23, 24, 25).